

ABSTRACT

The present invention is an image pickup system including a color converting portion for converting a color signal of a primary color or a color signal of a complementary color from a CCD to signals in a color space having an intensity, a hue and a chroma, a tone correcting portion for performing tone conversion on a luminance signal, a correction coefficient calculating portion for calculating a chroma correction coefficient to be used for performing correction on a chroma signal, a maximum chroma calculating portion for calculating a first maximum chroma value with respect to the luminance signal and hue signal from the color converting portion and a second maximum chroma value with respect to the hue signal from the color converting portion and the luminance signal converted by the tone correcting portion, and a chroma correcting portion for calculating a correction coefficient based on the first and second maximum chroma values and correcting the chroma signal based on the correction coefficient and the chroma correction coefficient from the correction coefficient calculating portion.